

Esref Ozturk

esref.ozturk@ceng.metu.edu.tr

EMPLOYMENT	Software Engineer (February 2016 - Present) STM Defence Technologies & Engineering Inc. , Bilkent Cyberpark <ul style="list-style-type: none">R&D on automated hardening platform for many systems including various OSes(Windows, Linux, FreeBSD...), web servers, mail servers. Django, Hardening, Puppet
	Software Developer (April 2014 - January 2016) Cyber Warfare Lab, Labris Networks , METU Technopolis <ul style="list-style-type: none">R&D on Labris UTM, a Centos derived Linux distribution designed for unified thread management. Centos, Bash, LDAP, UTM
	Contracted Software Developer (June 2014 - September 2014) TUBITAK (The Scientific and Technological Research Council of Turkey) <ul style="list-style-type: none">Developed a kernel module that provides multiple clipboards for Debian based operating systems. More information at https://github.com/esrefozturk/multiclip Kernel Hooks, X11
	Software Engineering Intern (June 2014 - July 2014) Hazelcast , Istanbul R&D Office <ul style="list-style-type: none">Developed sample Hazelcast integration modules of Hibernate 2nd Level cache and Spring. More information at https://github.com/hazelcast/hazelcast-code-samples. Hazelcast, Derby, Hibernate, Spring
	Software Engineering Intern (June 2013 - September 2013) Kovan Research Lab , METU <ul style="list-style-type: none">Developed a web application that lets instructors prepare exams according to preferred criteria. Django, Mysql
EDUCATION	B.S., Computer Engineering (Expected Graduation: June 2016) Middle East Technical University, Ankara, Turkey
TECHNICAL EXPERIENCE	Pwner (January 2014 - Present) <i>www.0xdefeffbeef.com</i> <ul style="list-style-type: none">Practicing information security topics, organizing and participating Capture the Flag Competitions.
	Checkmate (September 2014 - January 2015) <i>CheckmateChess.github.io</i> <ul style="list-style-type: none">Web application for playing chess running GNUChess in the background.
	Hypnos (September 2015 - Present) <i>senior.ceng.metu.edu.tr/2016/newline</i> <ul style="list-style-type: none">Personalized sleep tracking and analyzing system that focuses on optimizing people's sleep.

AWARDS & HONORS

- **First Place**, CTF, STM Defence Technologies & Engineering Inc., Turkey, Oct 2015
- **First Place**, Web Application CTF, Ankara University & Octosec Information Security Team, Turkey, May 2014
- **First Place of Turkey**, 67th Team of All, IEEEExtreme Programming Competition 9.0, Oct 2015
- **Second Place**, among foreign participants, Open All-Ukrainian Collegiate Programming Contest, Ukraine, Oct 2014
- **Honorable Mention**, Hash Code, Google, Feb 2016
- **Honorable Mention**, ACM ICPC, SEERC, Ukraine, Oct 2014
- **Honorable Mention**, ACM ICPC, SEERC, Ukraine, Oct 2013
- **Honorable Mention**, IEEEExtreme Programming Competition 7.0, Oct 2013
- **Honorable Mention**, IEEEExtreme Programming Competition 6.0, Oct 2012
- **Honorable Mention**, IEEEExtreme Programming Competition 5.0, Oct 2011
- **Certificate**, MCNA - Network(Fast), Middle East Technical University - Continuous Education Center, May 2014

EXTRA- CURRICULAR ACTIVITIES

- Active member of METU-CENG ACM Student Chapter
- SAYOKAN (Turkish Martial Art)
- Student Member of IEEE (2011-Present)
- Student Member of ACM (2013-Present)